

**WHAT IS CLAIMED IS:**

1. A wet grinding and dispersion apparatus comprising:  
a grinding chamber;  
a shaft disposed rotatably in said grinding chamber;  
5 and  
a grinding wheel unit disposed in said grinding chamber, mounted to rotate with said shaft, and including a plurality of grinding wheels, each of which has opposite wheel surfaces, each of said wheel surfaces being formed  
10 with a plurality of stirring protrusions.
2. The wet grinding and dispersion apparatus as claimed in Claim 1, wherein said shaft has a shaft axis, each of said grinding wheels being formed with a hole unit that extends through said wheel surfaces and that is  
15 inclined with respect to said shaft axis.
3. The wet grinding and dispersion apparatus as claimed in Claim 1, wherein said grinding wheel unit further includes a plurality of spacers for positioning spacedly said grinding wheels on said shaft so as to maintain  
20 an appropriate distance between said stirring protrusions on adjacent ones of said grinding wheels.
4. The wet grinding and dispersion apparatus as claimed in Claim 3, wherein said grinding wheels and said spacers are sleeved co-rotatably on said shaft, said apparatus  
25 further comprising a locking unit for retaining said grinding wheel unit on said shaft.
5. The wet grinding and dispersion apparatus as claimed

in Claim 4, wherein said locking unit includes an end cap fastened on one end of said shaft and abutting against said grinding wheel unit.